



# AQUATIC INVASIVE SPECIES PROGRAM UPDATES AND PLANNING

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# Early Detection Monitoring

- Water samples collected monthly during summer
- Microscopy + DNA analysis
- Confirmed mussels → Rapid Response

Results

Undetected

*Suspect*

Positive

# Watercraft Inspection

- Risk assessment of arriving watercraft
- Prevention/ Containment Strategy
- Launch Allowed or Decontamination

Prevention

Prevention + Containment

Containment



# LAKE POWELL

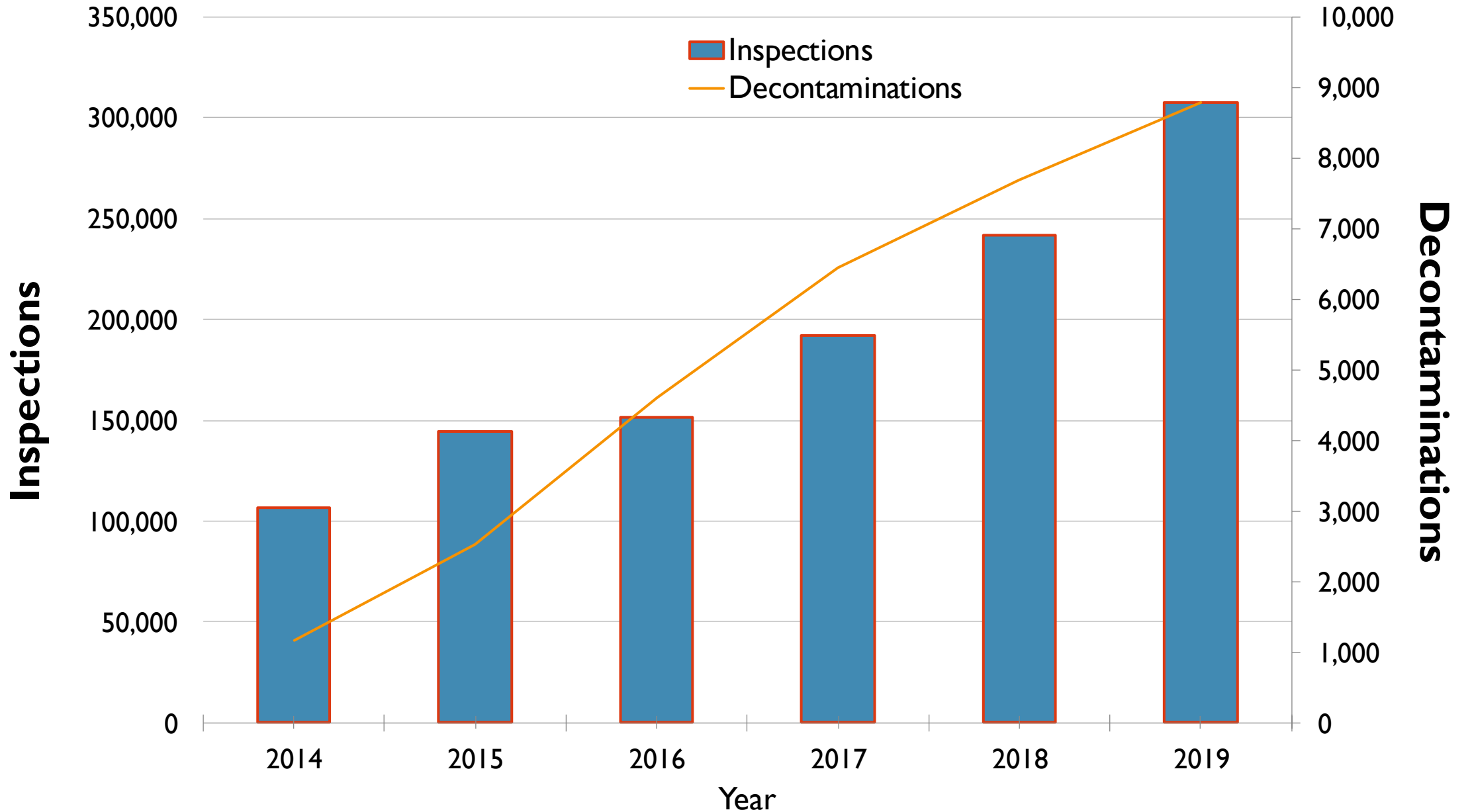
- Largest invasive mussel containment program in the nation
- Inspection of all exiting boats during daylight hours
- Decontamination of select boats
- Input of records of all boats into regional WID Database



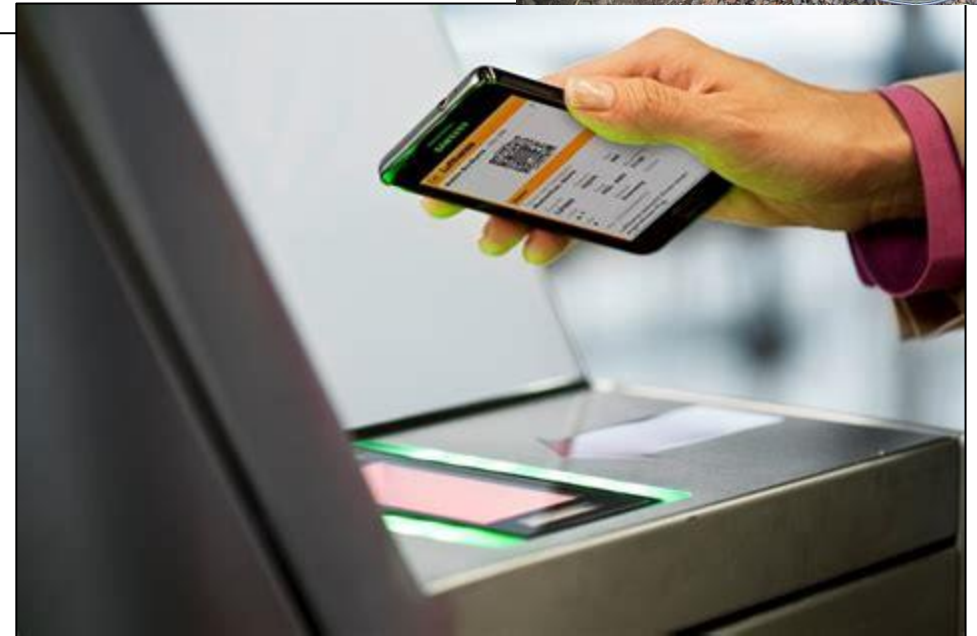
RECLAMATION  
*Managing Water in the West*



# Annual Watercraft Inspections and Decontaminations



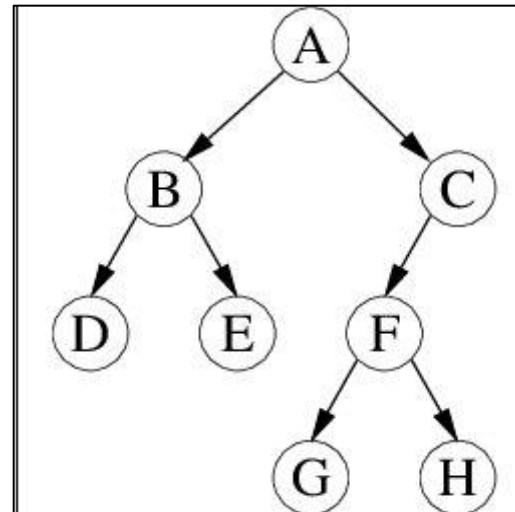
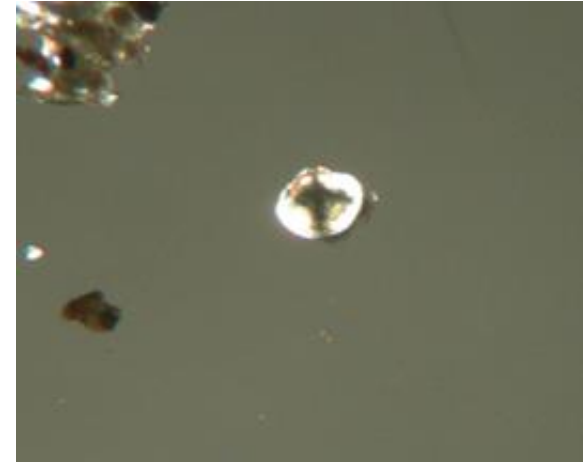
# THE FUTURE





# RAPID RESPONSE PLAN

- Initiated when mussels are detected at a reservoir
- Short-term focus on:
  1. Confirmation of detection
  2. Delegation of Duties (Response Team)
  3. Stakeholder Notification
  4. Dissemination of Information
  5. Evaluation of Control Options
  6. Transition to Containment Strategy



# RAPID RESPONSE COSTS

- Vary greatly
  - Access points
  - Boating traffic
  - Existing pinch points
  - New inspection stations





# THANK YOU

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